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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/220,617 12/24/98 JOHNSON

E 6029-7976

EXAMINER

HM12/1120

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HAYES, R

ART UNIT

PAPER NUMBER

1647

DATE MAILED:

11/20/00

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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09/220,617			

EXAMINER	
ART UNIT	PAPER NUMBER
	11

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application  
Commissioner of Patents

The communication filed on **08/22/00** (paper #9) is not fully responsive to the communication mailed **07/18/00** (paper #8) because 37 CFR 1.821 (a)(2)(c-d) states that each sequence disclosed must appear separately in the "Sequence listing" and in the text of the description and claims (i.e., where first mentioned in the specification). See MPEP 2431. In particular, it is unknown what exactly SEQ ID NOs: 15-16, 19, 22-26, 41, 84-86, 88-89, 91, 102, 104, 106, 109-110, 125-129, 132-133, 135-136, 141, 174-176, 178, 180-184, 186, 189, 191-195, 197-218, 222 & 224 represent. Additionally, it is unclear what exactly the "reference sequences" on pages 6 (lines 10-12), 32 (lines 17-18) & 56 represent. Note further that no sequences are apparent for the 4 oligos listed on page 103, and that pages 109-110 give contradictory sequences for SEQ ID NO:233. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 & 132.

Since the response appears to be bona fide, but through an apparent oversight or inadvertence failed to provide a complete response, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment under 37 CFR 1.821(g). **EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).**

Any inquiry concerning this communication should be directed to Examiner **Robert C. Hayes**, Art Unit **1647**, whose telephone number is **703-305-3132**.

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (703) 308-0196.

Robert C. Hayes, Ph.D.  
November 16, 2000

  
**GARY L. KUNZ**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 1600**